

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

S & S QUARRIES, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
limestone in the state of Missouri. The extent of the

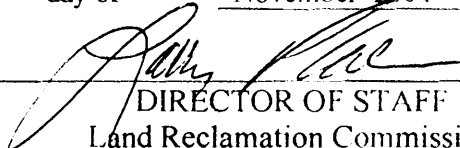
Proposed mining operation(s) will be on six acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Howell	33	24N	08W	6	0	6	Site #1	0548

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 18th day of November 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0482

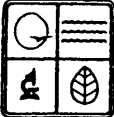
Effective Date 11/18/2004

Expiration Date 09/28/2005

MO 780-1122 (6-95)

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NOV 15 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <u>S & G Quarries/Randy Adkisson</u>		DATE <u>7/02/03</u>	
ADDRESS <u>600 S Co. Rd. 8800</u>	CITY <u>West Plains</u>	STATE <u>mo</u>	ZIP CODE <u>65775</u>
CONTACT PERSON <u>Randy Adkisson</u>		TELEPHONE NUMBER <u>417-256-8757</u>	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. <u>#1</u>	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ <u>\$ 300.00</u>
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ <u>\$ 300.00</u>

2. Acreage Fee \$5 X 6 number of acres bonded \$ \$ 30.003. Annual Permit Fee \$500 \$ 500.004. Total Fee (Add totals from 1, 2 and 3) \$ 830.00 \$

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$300

SIGNATURE OF APPLICANT <u>Randy Adkisson</u>		TITLE <u>owner</u>	DATE <u>Nov. 11, 2004</u>
Appeared before me this <u>11th</u> day of <u>November</u> , 2004. <u>Randy Adkisson</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Howell</u>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>11th</u> DAY OF <u>November</u> YEAR <u>2004</u>		USE EMBOSSEER SEAL IN CLERK'S OFFICE ONLY
	NOTARY PUBLIC SIGNATURE <u>Judith A. Smallwood</u>	MY COMMISSION EXPIRES <u>12/8/2004</u>	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Judith A. Smallwood</u>			
FOR DEPARTMENT USE ONLY: APPROVED BY 	DATE APPROVED <u>11-18-04</u>	PERMIT NUMBER <u>0482</u>	EXPIRATION DATE <u>9-28-05</u>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>S/S Quarries Inc.</i>		PERMIT NUMBER #0482
COMPANY NAME S/S QUARRIES, INC.		
COUNTY HOWELL	1/4 SECTION	SECTION 33
TOWNSHIP 24N	RANGE 08-WEST	ACRES 34
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)		
MINERAL COMMODITY LIMESTONE	ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) RANDY ADKISSON		
ADDRESS 6005 COUNTY ROAD 8800		
CITY WEST PLAINS	STATE MISSOURI	ZIP CODE 65775
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 1989
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) SAME AS ABOVE		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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P.O. BOX 176
JEFFERSON CITY, MO 65102

MISSOURI LAND

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME

RECLAMATION COMMISSION
S/S QUARRIES, INC.

☒ LONG TERM, FOR PERIOD THROUGH DATE: 8/19/98 to 09/28/2050

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

BOTTOMLESS PIT:

THIS PLAN COVERS APPROXIMATE 34 ACRES. THE ACRES IN USE ARE ON THE SIDE OF A SLOPING HILL. TOPSOIL 1"- 2" WITH BEING RED CLAY. THE 34 ACRES HAS A COUNTY ROAD ON N.SIDE.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

1" - 2" INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

A BULLDOZER AND LOADER WAS USED TO SCRAP 1"- 2" OF TOPSOIL AND 8"- 10" OF GRAY WAS DUGOUT, TO BUILD BUFFERS ALONG COUNTY ROAD, MOST OF ROCK HAD NON OVER BURN ON IT.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

LOADER HAS PILED DIRT IN SMALL PILES.
GRASS COVERS THE PILES AND WELL PROTECTED FROM EROSION.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

ALL OVER BURDEN IS IN PILES TO BE GRADED TO TRAVELABLE SLOPES 3:1.
BEFORE TOPSOIL AND GRASS IS PLANTED.

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C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE.

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

THE CUT IS IN THE NORTHWEST CORNER OF THE PERMITTED.
FROM THERE THE PIT WILL ADVANCE TO EAST AND SOUTHEAST, (SEE MAP)
A PROTECTIVE BERM WILL BE CONSTRUCTED OF BOULDERS WHEN NEEDED ALONG
HIGH WALL.

YES NO



Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?



Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)



Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

1

PURPOSE OR LAND USE

WILDLIFE

B. SEEDING OR PLANTING TIME

SPRING/MARCH 15/ MAY 15

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

DURING SPRING FOLLOWING TOPSOIL REPLACEMENT. THE SEED MIX WILL BE BROADCAST AND HARROWED, AFTER GRASS HAS GROWN TO CONTROL EROSION. TREES AND SHRUBS WILL BE PLANTED.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
ORCHARD GRASS RED CLOVER KOREAN LESPEDEZA	30 10 10	WHITE OAK RED MAPLES DOGWOODS HICKORY	

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

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RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

Deck 3

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

ALL SPOIL AREAS WILL BE GRADED TO SLOPED TRAVELABLE BY FARM MACHINERY
A 3 OR 4 LAKE TO BE CONSTRUCTED IN PIT AREA.
THE LAKE WILL BE DRESSED AND CONSTRUCTED TO MEET SCS STANDARDS.

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C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

GRADING WILL BE DONE AS PIT ADVANCES.
FINAL GRADING WILL BE COMPLETED WITHIN ONE YEAR OF PERMIT EXPIRATION DATE.

REPLACEMENT OF TOPSOIL

TOPSOIL WILL BE REPLACED WITHIN ONE YEAR OF EXPIRATION DATE AT A UNIFORM DEPTH.

REVEGETATION

ALL TOPSOIL AREAS WILL BE SEEDED DURING THE FIRST OPTIMUM SEEDING PERIOD FOLLOWING TOPSOIL REPLACEMENT.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

HORIZON 3" + B HORIZON 9" - 12"

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

12

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

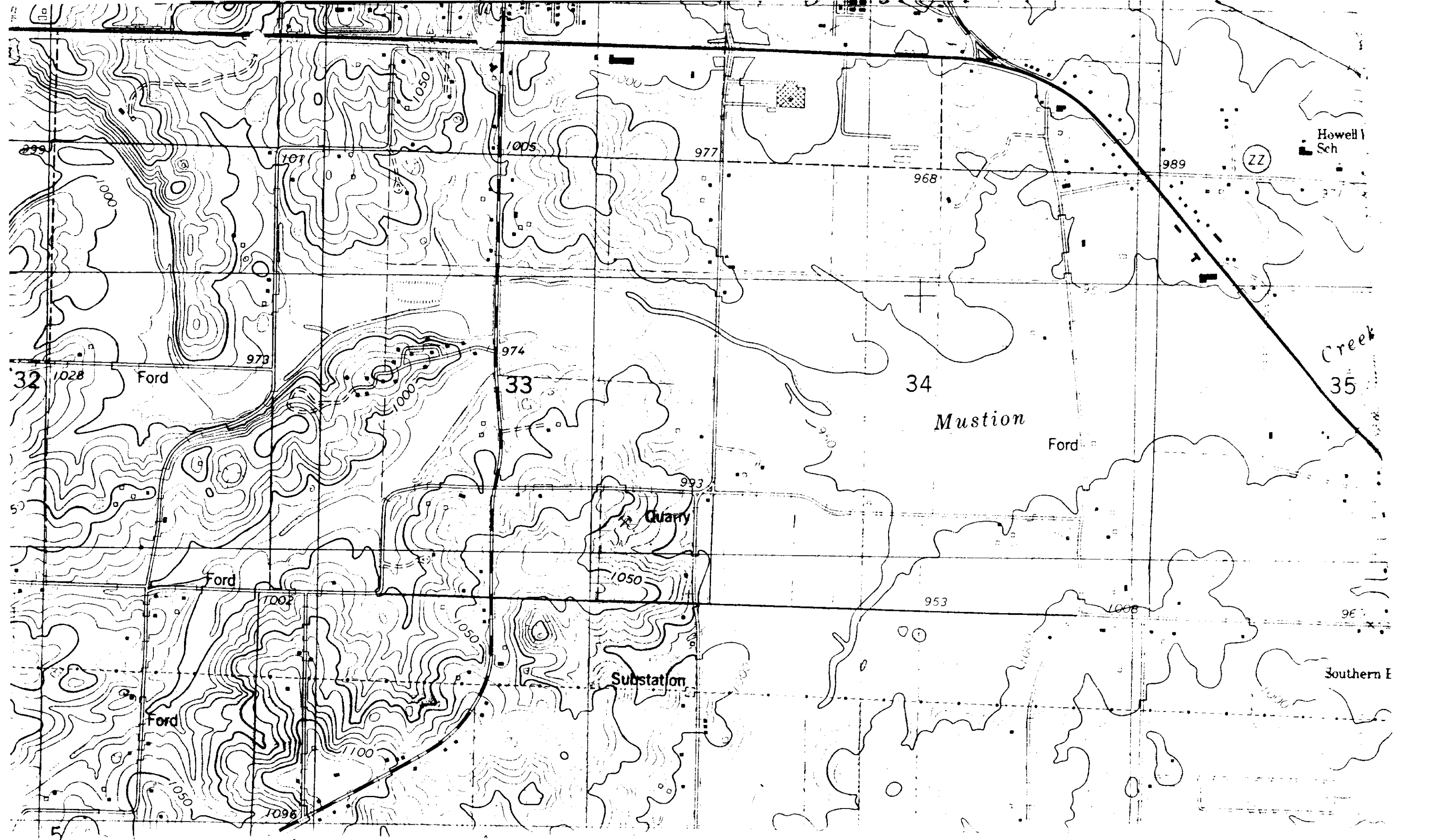
22

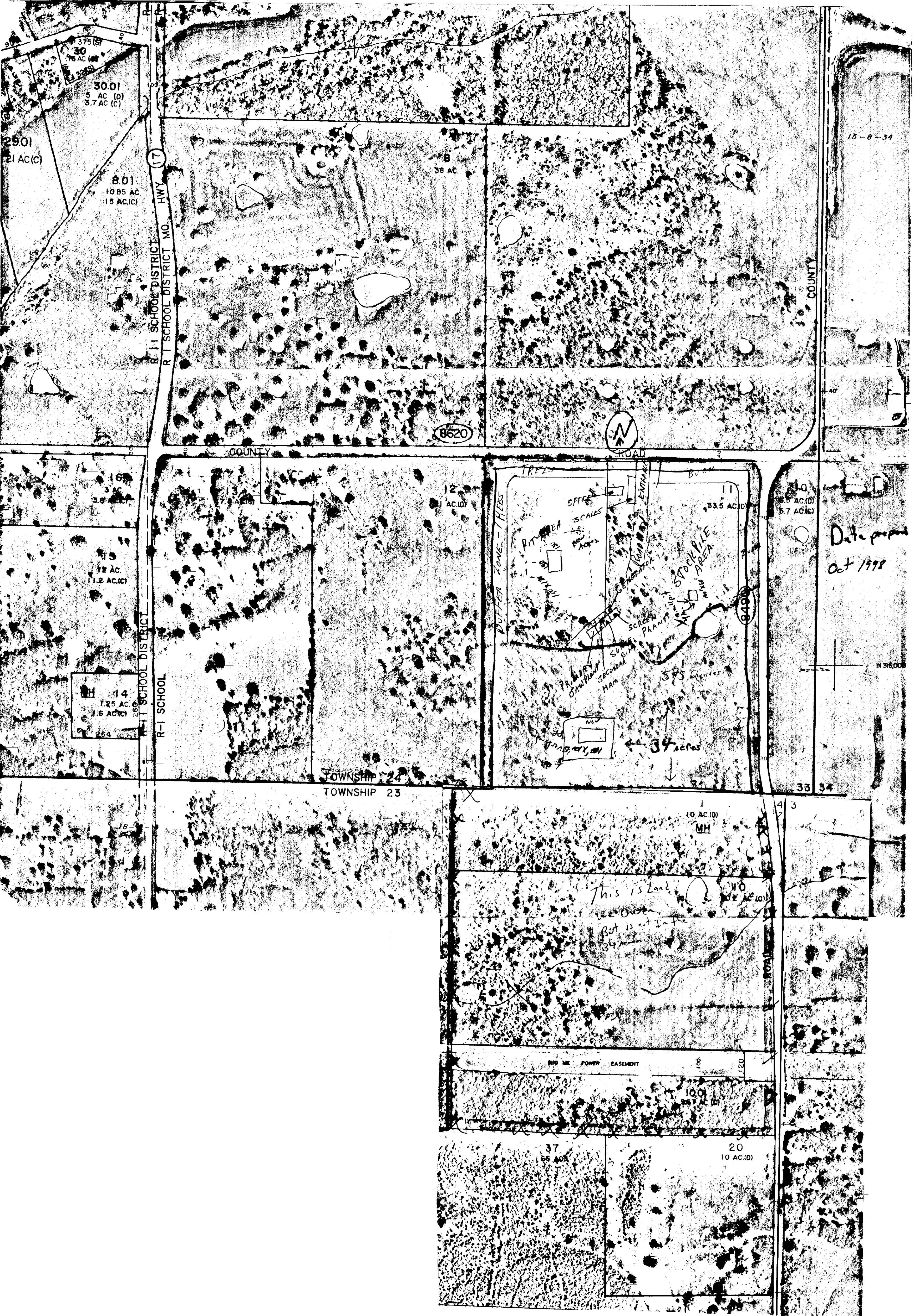
By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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SIGNATURE OF APPLICANT <i>Randy Adkins</i>		TITLE <i>Owner</i>	DATE <i>10/23/1998</i>
NOTARY PUBLIC EMBOSSED SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Howell</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>23</i> DAY OF <i>OCT</i> 19 <i>98</i>		
	NOTARY PUBLIC SIGNATURE <i>Loyd A. Harper</i>	MY COMMISSION EXPIRES <i>MAY 23/1999</i>	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Loyd A. Harper</i>		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>William S. Brown</i>		DATE APPROVED <i>11-16-98</i>	PERMIT NUMBER <i>0482</i>





HOWELL COUNTY, MISSOURI

Date of photography 4/23/1981

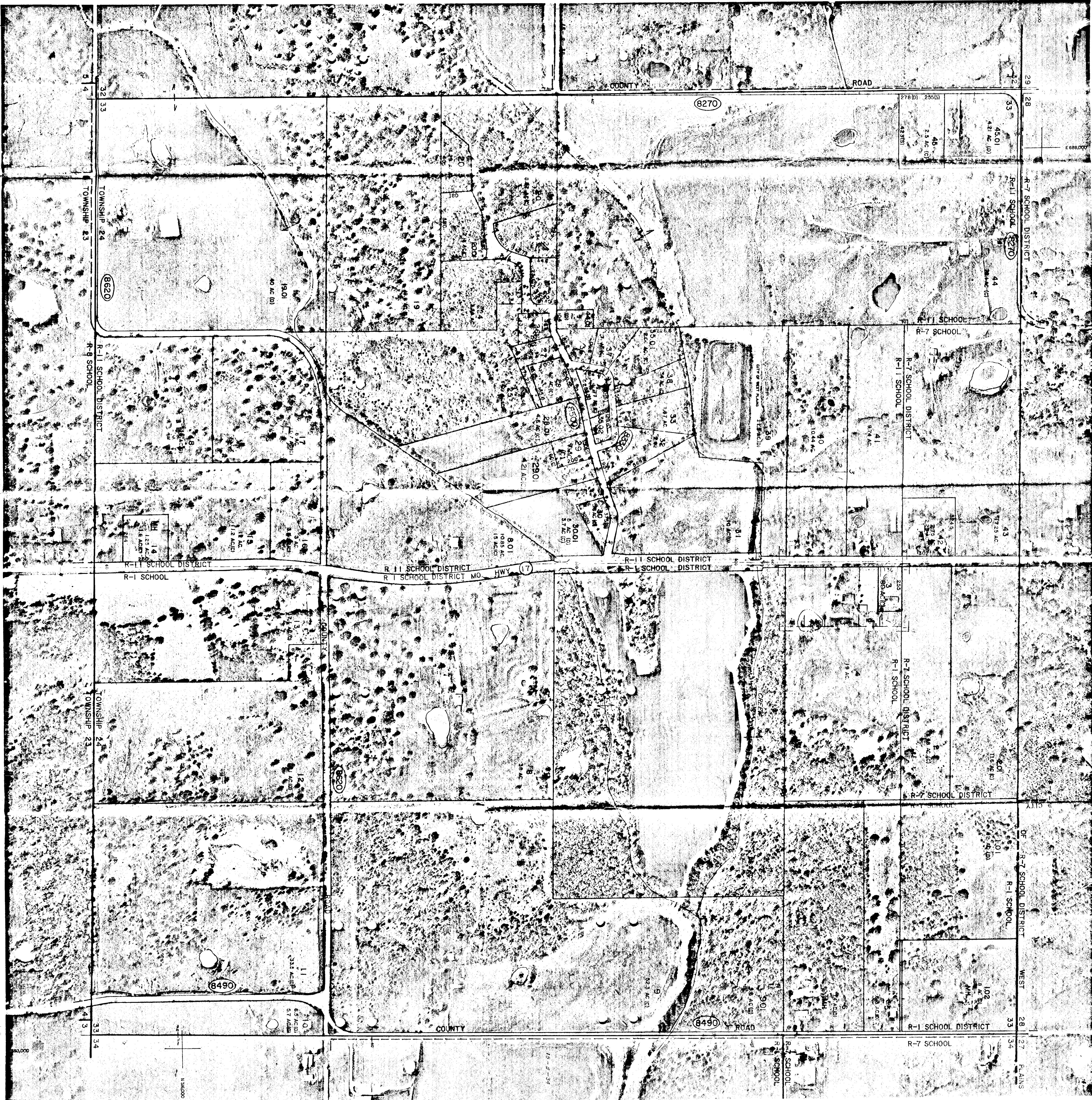
Scale 1" = 200'

S33

T24N

R8W

KUCERA & ASSOCIATES, INC.
Aerial Photography, Surveying, Mapping, etc.
Atlanta, GA



OWNERSHIP MAP

HOWELL COUNTY, MISSOURI

PREPARED UNDER THE DIRECTION OF
STATE TAX COMMISSION OF MISSOURI

HOWELL COUNTY TAX ASSESSOR

South Central Oak, Council of Governments
N Hwy 63, West Plains, Mo.

subdivision index

BOOK	SUBDIVISION NAME	PAGE
1	BRIGGS SUBDIVISION	78
2	REVISED PLAT OF FERGUSONS SUBDIVISION	35

Legend

AREA FROM DEED	10.5 AC.
AREA CALCULATED	10.5 AC.
DIMENSION (SCALED)	66.6
SECTION LINE	23
PROPERTY LINE	4.5
INTERSTATE HIGHWAY	70
U.S. HIGHWAY	70
LAND HOOD	70
ORIGINAL B.C. NO.	70
ORIGINAL S.C. LIMIT 212	70
MAP BLOCK NO.	70
SECTION CORNERS	70

Township locator

TOWNSHIP	RANGE	SECTION
23	8	1
23	8	2
23	8	3
23	8	4
23	8	5
23	8	6
23	8	7
23	8	8
23	8	9
23	8	10
23	8	11
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23	8	36

map sheet index

SECTION	TOWNSHIP	RANGE
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3	23	8
4	23	8
5	23	8
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9	23	8
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29	23	8
30	23	8
31	23	8
32	23	8
33	23	8
34	23	8
35	23	8
36	23	8

1/4 section index

SECTION	TOWNSHIP	RANGE
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2	23	8
3	23	8
4	23	8
5	23	8
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34	23	8
35	23	8
36	23	8

section 33, township 24, range 8
map number 15-8-33
SCALE 1" = 200'
DATE OF MAP AUG. 9, 1982
DATE OF PHOTOGRAPHY APRIL 23, 1981
AERIAL PHOTO NO. TWP 24 R. 8E. S. 33